Author Index to Volume 38

Abiko S. See Kurokawa Y
Acqui M
  See Celli P
  See Ferrante L
Adams HD. Historical vignette-the knife that saves. memoirs of a Lahey Clinic surgeon, 318
Adler JR. See Erba G
Aesse FF. See Lopes NMM
Ahmad I, Tominaga T, Ogawa A, Yoshimoto T. Ruptured suprasellar dermoid associated with middle cerebral artery aneurysm: case report, 341
Aldrich EF, Eisenberg HM, Saydjari C, Foulkes MA, Jane JA, Marshall LF, Young H, Marmarou A. Predictors of mortality in severely head-injured patients with civilian gunshot wounds: a report from the NIH Traumatic Coma Data Bank, 418
Alexander E Jr, 318-ed
  Global spine and head injury prevention project (SHIP), ed
  Historical vignette-lumbar disk lesions in retrospect and prospect, 315
  History of the Congress of Neurological Surgeons, 1951–1991, 159-br
  In vitro fertilization and frozen bone flaps, 322-ed
  Intracerebral Hematomas, 242-br
  MRI Primer, 320-br
  Neurosurgical Aspects of Epilepsy, 158-br
  Neurosurgical Classics, 473-br
  Neurosurgical Procedures: Personal Approaches to Classic Operations, br
  Too Old For Health Care? Controversies in Medicine, Law, Economics, and Ethics, 396-br
Amano K. See Taira T
Amenta PS. See Giannakopoulos G
Andoh T. See Araki Y
Aoki N. A new therapeutic method for chronic subdural hematoma in adults: replacement of the hematoma with oxygen via percutaneous subdural tapping, 253
Apfelbaum RI. 162-le
Arai H, Sato K, Kadota Y, Ito M, Ishimoto K, Yanai A. Skull base reconstruction in cases of intracranial teratoma extending into the extracranial structures, 383
Araki Y, Sakai N, Andoh T, Yoshimura S, Yamada H. Central neurocytoma presenting with gigantism: case report, 141
Arita K
  See Muttaqin Z
  See Sugiyama K
Arnason BGW, Weir B. John F. (Sean) Mullan: A Trubute, 171
Ascher PW. See Mohanty S
Auzenne DG. See Simpson RK Jr

Bannister CM. See Turnbull IW
Barnett FC, Barnett JC Jr. Massive bifrontal epidermoid tumor, 437
Barnett JC Jr. See Barnett FC
Barrale S. See Medina M
Becker LE. See Otsubo H
Benoit BG. See Wolfsohn AL
Berrington NR. Acute extradural hematoma associated with Silastic dural substitute: Case Report, 469
Boonjunwetwat D. See Shuangshoti S
Bosi F. See Rodriguez y Baena R
Bourdeix I. See Massiou H
Bradford R. See Kitchen N
Branch CL Jr. Microsurgery of the Cervical Spine, 77-br
Bridgman SA, McNab W. Traumatic occipital condyle fracture, multiple cranial nerve palsies, and torticollis: a case report and review of the literature, 152
Brown GV. See Erlich JH
Burgerman R, Rigamonti D, Randle JM, Fishman P, Panitch HS, Johnson KP. The association of cervical spondylosis and multiple sclerosis, 265

Cantore G. See Di Lorenzo N
Celli P, Ferrante L, Acqui M, Mastronardi L, Fortuna A, Palma L. Neurinoma of the third, fourth, and sixth cranial nerves: a survey and report of a new fourth nerve case, 216
Celli P. See Ferrante L
Cervós-Navarro J. See Kim C
Chan K-H, Dearden NM, Miller JD, Midgley S, Piper IR. Transcranial doppler waveform differences in hyperemic and nonhyperemic patients after severe dead injury, 433
Chaumet-Riffaud P. See Massiou H
Chuang SH. See Otsubo H
Ciappetta P. See Di Lorenzo N
Cioni B. See Puca A
Colley PS. See Silbergeld DL
Cummins BH. See Kelly AJ

Danova M. See Rodriguez y Baena R
de los Reyes RA, Kantrowitz AB, Detwiler PW, Feghale JG, Hall CD, Sonstein WJ. Transoral-transclival clipping of a giant lower basilar artery aneurysm, 379
Dearden NM. See Chan K-H
Del Maestro RF. See Redekop GJ
Delfini R. See Di Lorenzo N
Detwiler PW. See de los Reyes RA
Di Lorenzo N, Delfini R, Ciappetta P, Cantore G, Fortuna A. Primary tumors of the cervical spine: surgical experience with 38 cases, 12
Donofrio PD. Entrapment Neuropathies. 2nd ed., 77-br
Drake CG. 163-le
Drake JM. See Otsubo H
Drapkin AJ, Rose WS. Serial development of de novo' aneurysms after carotid ligation: case report, 302

Eisenberg HM. See Aldrich EF
Eljamel MS, Foy PM, Swift AC, MacFarlane IA. 321-le
Erba G, Winston KR, Adler JR, Welch K, Ziegler R, Hornig GW. Temporal lobectomy for complex partial seizures that began in childhood, 424
Erlich JH, Rosenfeld JV, Fuller A, Brown GV, Wodak J, Tress BP. Acute intramedullary spinal cord abscess: case report, 287
Ersahin Y, Mutluer S, Guzelbag E. A case of double-compartment hydrocephalus presenting with opisthotonus, 291
Ettorre F. See Medina M
Ezura M, Kagawa S. Selective and superselective infusion of urokinase for embolic stroke, 353

Feghale JG. See de los Reyes RA
Ferrante L
  Acqui M, Mastronardi L, Celli P, Lunardi P, Fortuna A. Posterior inferior cerebellar artery (PICA) aneurysm presenting with SAH and contralateral crural monoparesis: a case report, 43
  See Celli P
Fishman P. See Burgerman R
Folkerth R. See Sathi S
Fortuna A
  See Celli P
  See Di Lorenzo N
  See Ferrante L

Author Index to Volume 38

Abiko S. See Kurokawa Y
Acqui M
  See Celli P
  See Ferrante L
Adams HD. Historical vignette-the knife that saves. memoirs of a Lahey Clinic surgeon, 318
Adler JR. See Erba G
Aesse FF. See Lopes NMM
Ahmad I, Tominaga T, Ogawa A, Yoshimoto T. Ruptured suprasellar dermoid associated with middle cerebral artery aneurysm: case report, 341
Aldrich EF, Eisenberg HM, Saydjari C, Foulkes MA, Jane JA, Marshall LF, Young H, Marmarou A. Predictors of mortality in severely head-injured patients with civilian gunshot wounds: a report from the NIH Traumatic Coma Data Bank, 418
Alexander E Jr, 318-ed
  Global spine and head injury prevention project (SHIP), ed
  Historical vignette-lumbar disk lesions in retrospect and prospect, 315
  History of the Congress of Neurological Surgeons, 1951–1991, 159-br
  In vitro fertilization and frozen bone flaps, 322-ed
  Intracerebral Hematomas, 242-br
  MRI Primer, 320-br
  Neurosurgical Aspects of Epilepsy, 158-br
  Neurosurgical Classics, 473-br
  Neurosurgical Procedures: Personal Approaches to Classic Operations, br
  Too Old For Health Care? Controversies in Medicine, Law, Economics, and Ethics, 396-br
Amano K. See Taira T
Amenta PS. See Giannakopoulos G
Andoh T. See Araki Y
Aoki N. A new therapeutic method for chronic subdural hematoma in adults: replacement of the hematoma with oxygen via percutaneous subdural tapping, 253
Apfelbaum RI. 162-le
Arai H, Sato K, Kadota Y, Ito M, Ishimoto K, Yanai A. Skull base reconstruction in cases of intracranial teratoma extending into the extracranial structures, 383
Araki Y, Sakai N, Andoh T, Yoshimura S, Yamada H. Central neurocytoma presenting with gigantism: case report, 141
Arita K
  See Muttaqin Z
  See Sugiyama K
Arnason BGW, Weir B. John F. (Sean) Mullan: A Trubute, 171
Ascher PW. See Mohanty S
Auzenne DG. See Simpson RK Jr

Bannister CM. See Turnbull IW
Barnett FC, Barnett JC Jr. Massive bifrontal epidermoid tumor, 437
Barnett JC Jr. See Barnett FC
Barrale S. See Medina M
Becker LE. See Otsubo H
Benoit BG. See Wolfsohn AL
Berrington NR. Acute extradural hematoma associated with Silastic dural substitute: Case Report, 469
Boonjunwetwat D. See Shuangshoti S
Bosi F. See Rodriguez y Baena R
Bourdeix I. See Massiou H
Bradford R. See Kitchen N
Branch CL Jr. Microsurgery of the Cervical Spine, 77-br
Bridgman SA, McNab W. Traumatic occipital condyle fracture, multiple cranial nerve palsies, and torticollis: a case report and review of the literature, 152
Brown GV. See Erlich JH
Burgerman R, Rigamonti D, Randle JM, Fishman P, Panitch HS, Johnson KP. The association of cervical spondylosis and multiple sclerosis, 265

Cantore G. See Di Lorenzo N
Celli P, Ferrante L, Acqui M, Mastronardi L, Fortuna A, Palma L. Neurinoma of the third, fourth, and sixth cranial nerves: a survey and report of a new fourth nerve case, 216
Celli P. See Ferrante L
Cervós-Navarro J. See Kim C
Chan K-H, Dearden NM, Miller JD, Midgley S, Piper IR. Transcranial doppler waveform differences in hyperemic and nonhyperemic patients after severe dead injury, 433
Chaumet-Riffaud P. See Massiou H
Chuang SH. See Otsubo H
Ciappetta P. See Di Lorenzo N
Cioni B. See Puca A
Colley PS. See Silbergeld DL
Cummins BH. See Kelly AJ

Danova M. See Rodriguez y Baena R
de los Reyes RA, Kantrowitz AB, Detwiler PW, Feghale JG, Hall CD, Sonstein WJ. Transoral-transclival clipping of a giant lower basilar artery aneurysm, 379
Dearden NM. See Chan K-H
Del Maestro RF. See Redekop GJ
Delfini R. See Di Lorenzo N
Detwiler PW. See de los Reyes RA
Di Lorenzo N, Delfini R, Ciappetta P, Cantore G, Fortuna A. Primary tumors of the cervical spine: surgical experience with 38 cases, 12
Donofrio PD. Entrapment Neuropathies. 2nd ed., 77-br
Drake CG. 163-le
Drake JM. See Otsubo H
Drapkin AJ, Rose WS. Serial development of de novo' aneurysms after carotid ligation: case report, 302

Eisenberg HM. See Aldrich EF
Eljamel MS, Foy PM, Swift AC, MacFarlane IA. 321-le
Erba G, Winston KR, Adler JR, Welch K, Ziegler R, Hornig GW. Temporal lobectomy for complex partial seizures that began in childhood, 424
Erlich JH, Rosenfeld JV, Fuller A, Brown GV, Wodak J, Tress BP. Acute intramedullary spinal cord abscess: case report, 287
Ersahin Y, Mutluer S, Guzelbag E. A case of double-compartment hydrocephalus presenting with opisthotonus, 291
Ettorre F. See Medina M
Ezura M, Kagawa S. Selective and superselective infusion of urokinase for embolic stroke, 353

Feghale JG. See de los Reyes RA
Ferrante L
  Acqui M, Mastronardi L, Celli P, Lunardi P, Fortuna A. Posterior inferior cerebellar artery (PICA) aneurysm presenting with SAH and contralateral crural monoparesis: a case report, 43
  See Celli P
Fishman P. See Burgerman R
Folkerth R. See Sathi S
Fortuna A
  See Celli P
  See Di Lorenzo N
  See Ferrante L

Foulkes MA. See Aldrich EF
Foy PM. See Eljamel MS
Fujii K. See Nagata S
Fukui K. See Kumon Y
Fukui M
  See Nagata S
  See Tsukamoto H
Fuller A. See Erlich JH

Gaetani P. See Rodriguez y Baena R
Giannakopoulos G, Nair S, Snider C, Amenta PS. Implications for the pathogenesis of aneurysm formation: metastatic choriocarcinoma with spontaneous splenic rupture. case report and a review, 236
Grote E. See Zentner J
Gurusinghe NT. See Parekh HC
Guzelbag E. See Ersahin Y

Hada H. See Inagawa T
Hall CD. See de los Reyes RA
Halter JA. See Simpson RK Jr
Handa H. See Nakahara I
Hashimoto N
  See Hoshimaru M
  See Kim C
Hassler W. See Zentner J
Hazama F. See Kim C
Hendrick EB. See Otsubo H
Himi K. See Hirasawa T
Hinokuma K. See Niida H
Hirasawa T, Tsubokawa T, Katayama Y, Koike Y, Ueno Y, Hirayama T, Himi K. Growth of a giant aneruysm following complete thrombosis by detachable balloon occlusion, 283
Hirayama T. See Hirasawa T
Hodge CJ. Woods Hole, Neurobiology and Neurosurgery, 399-ed
Hoffman HJ. See Otsubo H
Hornig GW. See Erba G
Hoshimaru M, Hashimoto N, Kikuchi H. Central diabetes insipidus resulting from a nonneoplastic tiny mass lesion localized in the neurohypophyseal system, 1
Hotta T. See Sugiyama K
Humphreys RP. See Otsubo H
Hwang PA. See Otsubo H
Hyodo A. See Yanaka K

Ide M. See Yamamoto M
Ikeda K, Yamashita J. Postoperative central conduction time and cerebral blood flow in patients with aneurysmal subarachnoid hemorrhage: relationship with prognosis and ischemic conditions, 445
Inagawa S. See Nakahara I
Inagawa T, Hada H, Katoh Y. Unruptured intracranial aneurysms in elderly patients, 364

Iseki H. See Taira T
Ishijima B. See Shimizu H
Ishimoto K. See Arai H
Ito M. See Arai H
Iwasaki K, Kondo A, Takahashi JB, Yamanobe K. Intraventricular craniopharyngioma: report of two cases and review of the literature, 294
Izawa M. See Takeshita M

Jackson K. Advances in Pain Research and Therapy. Volume 20: Pain Versus Man, 395-br
Jane JA. See Aldrich EF
Jimbo M. See Yamamoto M
Johnson KP. See Burgerman R

Kadota Y. See Arai H
Kagawa M. See Takeshita M
Kagawa S. See Ezura M
Kantrowitz AB. See de los Reyes RA
Kaoroptham S. See Shuangshoti S
Karasawa J. See Touho H
Katayama Y. See Hirasawa T
Katoh Y. See Inagawa T
Kawamura H. See Taira T
Kelly AJ, Pople I, Cummins BH. Unusual craniocerebral penetrating injury by a power drill: case report, 471
Kerber CW. See U HS
Kikuchi H
  See Hoshimaru M
  See Kim C
Kim C, Cervós-Navarro J, Kikuchi H, Hashimoto N, Hazama F. Alterations in cerebral vessels in experimental animals and their possible relationship to the development of aneurysms, 331
Kirkpatrick DB. 163-le
Kitchen N, Bradford R, Platts A. Occult spinal pseudomeningocele following a trivial injury successfully treated with a lumboperitoneal shunt: a case report, 46
Kiya K. See Sugiyama K
Kobayashi S. See Oikawa S
Kohno H. See Muttaqin Z
Koide T. See Nakahara I
Koike Y. See Hirasawa T
Kojima M. See Nakahara I
Kondo A
  See Iwasaki K
  See Tsukamoto H
Kubo O. See Takeshita M
Kumon Y, Sakaki S, Sakoh M, Nakano K, Fukui K, Kurihara K. Cranial fasciitis of childhood: a case report, 68
Kurihara K. See Kumon Y
Kurisu K
  See Muttaqin Z
  See Sugiyama K
Kurokawa Y, Abiko S, Okamura T, Watanabe K. Direct surgery for giant aneurysm exhibiting progressive enlargement after intraaneurysmal balloon embolization, 19
Kuromatsu C. See Nagata S
Kushner J. le
Kuwabara S. See Muttaqin Z
Kyoshima K. See Oikawa S

Lach B. See Wolfsohn AL
Lauretti L. See Puca A
Leblanc R. See Preul M
Lettich E. See Silbergeld DL
Lindquist C. See Yamamoto M
Loesch DV. See Quigley MR
Lopes DK. See Lopes NMM
Lopes NMM, Aesse FF, Lopes DK. Compression of thoracic nerve root by a facet joint synovial cyst: case report, 338
Lunardi P. See Ferrante L
Lupetin A. See Quigley MR

MacFarlane IA. See Eljamel MS
Madsen JR. See Sathi S
Marchese MJ. See Rusyniak WG
Marmarou A. See Aldrich EF
Maroon JC. See Quigley MR
Marquardt M. See Quigley MR
Marshall LF. See Aldrich EF
Massiou H, Chaumet-Riffaud P, Bourdeix I. Nicardipine in the prevention of spasm-induced neurological deficits after subarachnoid hemorrhage: a dose-ranging study, 7
Mastronardi L
  See Celli P
  See Ferrante L
Masumori Y, Nagashima C, Nakamura H. Experimental omento-myelosynangiosis, 411
Matsushima T
  See Nagata S
  See Tsukamoto H
McNab W. See Bridgmam SA
Medina M, Melcarne A, Ettorre F, Barrale S, Musso C. Clinical and neuroradiological correlations in a patient with a wandering retained air gun pellet in the brain, 441
Meglio M. See Puca A
Melcarne A. See Medina M
Midgley S. See Chan K-H
Miller JD. See Chan K-H
Miyazono M. See Tsukamoto H
Mohanty S, Sutter B, Mokry M, Ascher PW. Herniation of calcified cervical intervertebral disk in children, 407
Mokry M. See Mohanty S
Moody DM. Interventional Neuroradiology: Endovascular Therapy of the Central Nervous System, br
Mueller WM. See Silbergeld DL
Mukada K. See Sugiyama K

Muller J. 78-le
Musso C. See Medina M
Mutluer S. See Ersahin Y
Muttaqin Z, Arita K, Uozumi T, Kuwabara S, Oki S, Ohba S, Kurisu K, Nakahara T, Kohno H, Satoh H. Transcranial doppler sonography in carotid–cavernous fistulas: analysis of five cases, 179

Nagashima C. See Masumori Y
Nagata S, Matsushima T, Fujii K, Fukui M, Kuromatsu C. Hemifacial spasm due to tumor, aneurysm, or arteriovenous malformation, 204
Nair S. See Giannakopoulos G
Nakahara I, Handa H, Nishikawa M, Koide T, Yamakawa H, Inagawa S, Kojima M. Endovascular coil embolization of a recurrent giant internal carotid artery aneurysm via the posterior communicating artery after cervical carotid ligation: case report, 57
Nakahara T. See Muttaqin Z
Nakamura H. See Masumori Y
Nakano K. See Kumon Y
Nashold BS Jr. See Rawlings C III
Nelson CN. See Rusyniak WG
Niida H, Tanaka R, Takeda N, Takeuchi S, Hinokuma K, Takahashi H. Meningioma in a neonate: case report, 273
Nishikawa M. See Nakahara I
Nose T. See Yanaka K
Numaguchi Y
  See Nussbaum ES
  See Salcman M
Nussbaum ES, Rigamonti D, Standiford H, Numaguchi Y, Wolf AL, Robinson WL. Spinal epidural abscess: a report of 40 cases and review, 225

Ogasawara H. See Sugiyama K
Ogawa A
  Suzuki M, Shirane R, Yoshimoto T. Repositioning of the tortuous vertebrobasilar artery for trigeminal neuralgia: a technical note, 232
  See Ahmad I
Ohba S. See Muttaqin Z
Ohnishi H. See Touho H
Ohta Y. See Shimizu H
Oikawa S, Kyoshima K, Takemae T, Kobayashi S. Multiple spinal neurinomas presenting visual disturbance as the initial symptom: case Report, 309
Ojemann GA. See Silbergeld DL
Okamura T. See Kurokawa Y
Oki S. See Muttaqin Z
Onda H. See Takeshita M
Otsubo H, Hoffman HJ, Humphreys RP, Hendrick EB, Drake JM, Hwang PA, Becker LE, Chuang SH. Detection and management of gangliogliomas in children, 371

Palma L. See Celli P
Panitch HS. See Burgerman R
Parekh HC, Gurusinghe NT, Sharma RR. Cerebral berry aneurysms in identical twins: a case report, 277
Parkinson D. 244-le
Peiffer J. See Zentner J
Perkins E. See Soloniuk DS
Piper IR. See Chan K-H
Platts A. See Kitchen N
Pople I. See Kelly AJ
Popp AJ. Principles and Practice of Research: Strategies for Surgical Investigators. 2nd ed., 157-br
Preul M, Tampieri D, Leblanc R. Giant aneurysm of the distal anterior cerebral artery: associated with an anterior communicating artery aneurysm and a dural arteriovenous fistula, 347
Puca A, Meglio M, Cioni B, Visocchi M, Lauretti L. Intracerebral injury following thermocoagulation of the trigeminal ganglion, 280

Quigley MR, Loesch DV, Shih T, Marquardt M, Lupetin A, Maroon JC. Intracranial cryosurgery in a canine model: a pilot study, 101

Ramsey L, Williams H, Tolchin S. Clinical procedures review: another casualty of a litigious society, 173
Randle JM. See Burgerman R
Rawlings C III
  Complications and Sequelae of Head Injury, br
  Rossitch E Jr, Nashold BS Jr. The history of neurosurgical procedures for the relief of pain, 454
Rawlings CE III
  Practical Approaches to Peripheral Nerve Surgery, 394-br
  Spinal Tumors in Children and Adolescents, 397-br
Redekop GJ, Del Maestro RF. Vertebral hemangioma causing spinal cord compression during pregnancy, 210
Rigamonti D
  Wolf A. 163-le
  See Burgerman R
  See Nussbaum ES
Robinson WL . See Nussbaum ES
Rodriguez y Baena R, Gaetani P, Danova M, Bosi F, Zappoli F. Primary solitary intracranial melanoma: case report and review of the literature, 26
Roggendorf W. See Zentner J
Rose WS. See Drapkin AJ
Rosenfeld JV. See Erlich JH
Rossitch E Jr. See Rawlings C III
Rusyniak WG, Marchese MJ, Nelson CN. Benign meningioma with a short latency period following irradiation, 261

Sakai N. See Araki Y
Sakaki S. See Kumon Y
Sakoh M. See Kumon Y
Salcman M, Scholtz H, Numaguchi Y. Multiple intracerebral arteriovenous malformations: report of three cases and review of the literature, 121
Sathi S, Folkerth R, Madsen JR. Cavernous angioma of the posterior fossa dura mimicking a meningioma: case report and review of literature, 257
Sato K. See Arai H
Satoh H. See Muttaqin Z
Saydjari C. See Aldrich EF
Schlesinger EB. 162-le
Scholtz H. See Salcman M
Selker RG. See Vertosick FT Jr
Sharma RR. See Parekh HC
Shibamoto K. See Touho H
Shih T. See Quigley MR
Shimizu H, Suzuki I, Ohta Y, Ishijima B. Mesial temporal subdural electrode as a substitute for depth electrode, 186
Shirane R. See Ogawa A
Shono S. See Tsukamoto H
Shuangshoti S, Boonjunwetwat D, Kaoroptham S. Association of primary intraspinal meningiomas and subcutaneous meningioma of the cervical region: case report and review of literature, 129
Silbergeld DL, Mueller WM, Colley PS, Ojemann GA, Lettich E. Use of propofol (Diprivan) for awake craniotomies: technical note, 271
Silvia LY. Addictive States: Association for Research in Nervous and Mental Disorders, 159-br
Simpson RK Jr, Halter JA, Auzenne DG. Short communication: Use of tissue adhesive to secure spinal epidural stimulating electrodes: technical note, 391
Snider C. See Giannakopoulos G
Soloniuk DS, Perkins E, Wilson JR. Use of allopurinol and deferoxamine in cellular protection during ischemia, 110
Sonstein WJ. See de los Reyes RA
Standiford H. See Nussbaum ES
Steiner L. See Yamamoto M
Sugar O, 78-le
  Dorcas Hager Padget: artist and embryologist, 464
Sugiyama K, Uozumi T, Kiya K, Mukada K, Arita K, Kurisu K, Hotta T, Ogasawara H, Sumida M. Intracranial germ-cell tumor with synchronous lesions in the pineal and suprasellar regions: report of six cases and review of the literature, 114
Sumida M. See Sugiyama K
Sutter B. See Mohanty S
Suzuki I. See Shimizu H

Suzuki M. See Ogawa A
Swift AC. See Eljamel MS

Taira T, Kawamura H, Tanikawa T, Iseki H, Amano K. Unexpected movement disorders in neurosurgical practice: report of three cases, 135
Takahashi H. See Niida H
Takahashi JB. See Iwasaki K
Takeda N. See Niida H
Takemae T. See Oikawa S
Takeshita M, Izawa M, Kubo O, Tanikawa T, Onda H, Wanifuchi H, Tamura Y, Kagawa M. Aspergillotic aneurysm formation of cerebral artery following neurosurgical operation, 146
Takeuchi S. See Niida H
Tampieri D. See Preul M
Tamura Y. See Takeshita M
Tanaka N. See Yamamoto M
Tanaka R. See Niida H
Tanikawa T
  See Taira T
  See Takeshita M
Tekkok IH. 244-le
Todd MM. See U HS
Tolchin S. See Ramsey L
Tominaga T. See Ahmad I
Touho H, Karasawa J, Ohnishi H, Yamada K, Shibamoto K. Superselective embolization of spinal arteriovenous malformations using the Tracker catheter, 85
Tress BP. See Erlich JH
Tsubokawa T. See Hirasawa T
Tsuchida Y. See Yanaka K
Tsukamoto H, Matsushima T, Shono S, Miyazono M, Fukui M, Kondo A. Primary yolk sac tumor of the cerebellar vermis: case report, 50
Turnbull IW, Bannister CM. Can laser angioplasty replace carotid endarterectomy in the management of nonstenotic atheromatous disease of the carotid bifurcation?, 73

U HS, Kerber CW, Todd MM. Multimodality treatment of deep periventricular cerebral arteriovenous malformations, 192
Udvarhelyi GB. The Neuroanatomy of Leonardo da Vinci, 241-br
Ueno Y. See Hirasawa T
Uozumi T
  See Muttaqin Z
  See Sugiyama K

Vertosick FT Jr, Selker RG. Long-term survival after the diagnosis of malignant glioma: a series of 22 patients surviving more than 4 years after diagnosis, 359
Visocchi M. See Puca A

Wanifuchi H. See Takeshita M
Watanabe K. See Kurokawa Y
Weil RJ. 79-le
Weir B. See Arnason BGW
Welch K. See Erba G
Williams H. See Ramsey L
Wilson JR. See Soloniuk DS
Winston KR. See Erba G
Wodak J. See Erlich JH
Wolf A. See Rigamonti D
Wolf AL. See Nussbaum ES
Wolfsohn AL, Lach B, Benoit BG. Suprasellar xanthomatous Rathke's cleft cyst, 106

Yamada H. See Araki Y
Yamada K. See Touho H
Yamakawa H. See Nakahara I
Yamamoto M, Jimbo M, Ide M, Tanaka N, Lindquist C, Steiner L. Long-term follow-up of radiosurgically treated arteriovenous malformations in children: report of nine cases, 95
Yamanobe K. See Iwasaki K
Yamashita J. See Ikeda K
Yanai A. See Arai H
Yanaka K, Hyodo A, Tsuchida Y, Yoshii Y, Nose T. Symptomatic cerebral vasospasm after intraventricular hemorrhage from ruptured arteriovenous malformation, 63
Yoshii Y. See Yanaka K
Yoshimoto T
  See Ahmad I
  See Ogawa A
Yoshimura S. See Araki Y
Young H. See Aldrich EF

Zappoli F. See Rodriguez y Baena R
Zentner J, Peiffer J, Roggendorf W, Grote E, Hassler W. Periventricular neurocytoma: a pathological entity, 38
Ziegler R. See Erba G

Subject Index to Volume 38

Ablation procedures, for pain, history of, 454
Abscess, spinal
  epidural, 225
  intramedullary, 287
Air gun pellet, wandering retained, in brain, clinical and neuroradiological correlations in, 441
Allopurinol, use in cellular protection during ischemia, 110
Anaplastic astrocytoma, long-term survival after diagnosis of, 359
Aneurysm
  aspergillotic, of cerebral artery, following neurosurgical operation, 146
  cerebral. See Cerebral aneurysm
  de novo, serial development of, after carotid ligation, 302
  giant
    basilar artery, transoral-transclival clipping of, 379
    after complete thrombosis by detachable balloon occlusion, 283
    distal anterior cerebral artery, associated with anterior communicating artery aneurysm and dural arteriovenous fistula, 347
    exhibiting progressive enlargement after intraaneurysmal balloon embolization, direct surgery for, 19
    hemifacial spasm due to, 204
    intracranial
    formation, from metastatic choriocarcinoma, 236
    unruptured, in elderly, 364
  posterior inferior cerebellar artery, presenting with subarachnoid hemorrhage and contralateral crural monoparesis, 43
Aneurysmal subarachnoid hemorrhage, postoperative central condution time and cerebral blood flow in, relationship with prognosis and ischemic outcome, 445
Angiography. See also Arteriography
  of cerebral berry aneurysm in identical twins, 277
  of giant aneurysm of distal anterior cerebral artery, 347
Angioma, cavernous, of posterior fossa dura, mimicking meningioma, 258
Angioplasty, laser, for atheromatous disease of carotid bifurcation, carotid endarterectomy compared to, 73
Anterior Caspar plate fixation, in cervical spine injury, 162-le
Anterior cerebral artery, distal, giant aneurysm of, associated with anterior communicating artery aneurysm and dural arteriovenous fistula, 347
Anterior communicating artery, aneurysm, giant aneurysm of distal anterior cerebral artery associated with, 347
Anterior discectomy, for herniation of calcified cervical intervertebral disk in children, 407
Arachnoid membrane, discovery of, 78-le
Arteriography. See also Angiography
  of arteriovenous malformations, intracerebral, multiple, 121
Arteriovenous fistula, dural, giant aneurysm of distal anterior cerebral artery associated with, 347
Arteriovenous malformations
  cerebral, deep periventricular, multimodality treatment of, 192
  in children, radiosurgery for, long-term follow-up of, 95
  hemifacial spasm due to, 204
  intracerebral, multiple, 121
  ruptured, cerebral vasospam after intraventricular hemorrhage from, 63
  spinal, superselective embolization of, using the Tracker catheter, 85
Aspergillotic aneurysm, of cerebral artery, formation, following neurosurgical operation, 146
Astrocytoma, anaplastic, long-term survival after diagnosis of, 359
Ataxic hemiparesis, in intracranial neurinoma, 216
Atheromatous disease, of carotid bifurcation, laser angioplasty compared to carotid enderterectomy for, 73

Bacteroides disiens, spinal cord abscess, brain abscess, and meningitis due to, 287
Balloon occlusion, giant aneurysm growth after, 19, 283
Barbiturates, in microsurgical excision of deep periventricular cerebral atriovenous malformations, 192
Basal nuclei, arteriovenous malformations in, multimodality treatment of, 192
Basilar artery, giant aneurysm, transoral-transclival clipping of, 379
Bedside technique, in replacement of subdural hematoma with oxygen via percutaneous subdural tapping, 253
Berry aneurysm, cerebral, in identical twins, 277
BIOGRAPHIES
  Mullan, John F. (Sean), 171
  Padget, Dorcas Hager, 464
Blood flow, cerebral. See Cerebral blood flow
Blood vessels, Dorcas Hager Padget and, 464
Bone flaps, frozen, 322-ed
BOOK REVIEWS
  Addictive States: Association for Research in Nervous and Mental Disorders, 159
  Advances in Pain Research and Therapy. Volume 20: Pain Versus Man, 395
  Complications and Sequelae of Head Injury,
  Entrapment Neuropathies. 2nd ed., 77
  History of the Congress of Neurological Surgeons, 1951–1991, 159
  Interventional Neuroradiology: Endovascular Therapy of the Central Nervous System,
  Intracerebral Hematomas, 242
  Microsurgery of the Cervical Spine, 77
  MRI Primer, 320
  Neuroanatomy of Leonardo da Vinci, The, 241
  Neurosurgical Aspects of Epilepsy
  Neurosurgical Classics, 473
  Neurosurgical Procedures: Personal Approaches to Classic Operations,
  Practical Approaches to Peripheral Nerve Surgery, 394
  Principles and Practice of Research: Strategies for Surgical Investigators. 2nd ed., 157
  Spinal Tumors in Chidren and Adolescents, 397
  Too Old For Health Care? Controversies in Medicine, Law, Economics, and Ethics, 396
Brain tumors
  bifrontal epidermoid, 437
  cavernous angioma, 257
  choriocarcinoma, metastatic, 236
  craniopharyngioma, intraventricular, 294
  germ-cell, 114
  glioma, 359
  neurocytoma, presenting with gigantism, 141
  yolk sac, of cerebellar vermis, 50
Bromocriptine, cerebrospinal fluid rhinorrhea associated with, 321-le
Burr-hole craniostomy, in replacement of subdural hematoma with oxygen via percutaneous subdural tapping, 253

Calcitonin gene-related peptide, 79-le

Calcium channel blockers, nicardipine. prevention of spasm-induced neurological deficits after subarachnoid hemorrhage by, 7
California Medical Association, Medical Practice Opinion Program, 173
Carniopharyngioma, intraventricular, 294
Carotid artery, bifurcation, atheromatous disease of, laser angioplasty compared to carotid enderterectomy for, 73
Carotid cavernous fistulas, transcranial doppler sonography in, 179
Carotid endarterectomy, for atheromatous disease of carotid bifurcation, laser angioplasty compared to, 73
Carotid ligation
recurrence of giant internal carotid artery aneurysm after, 57
serial development of de novo aneurysms after, 302
Catheter. See also Microcatheter
Tracker, spinal arteriovenous malformations treated with, 85
Cavernous angioma, of posterior fossa dura mimicking meningioma, 257
Cellular protection, during ischemia, use of allopurinol and deferoxamine in, 110
Central conduction time, following aneurysmal subarachnoid hemorrhage surgery, relationship with prognosis and ischemic conditions, 445
Central neurocytoma, presenting with gigantism, 141
Cerebellar vermis, primary yolk sak tumor of, 50
Cerebral abscess, intramedullary spinal cord abscess associated with, 287
Cerebral aneurysm
anterior distal, giant, associated with anterior communicating artery aneurysm and dural arteriovenous fistula, 347
berry, in identical twins, 277
developmental mechanisms, in experimental animals, 331
giant
after complete thrombosis by detachable balloon occlusion, 283
distal anterior cerebral artery, associated with anterior communicating artery aneurysm and dural arteriovenous fistula, 347
recurrent, after carotid ligation, endovascular coil embolization of, 57
middle cerebral artery, ruptured suprasellar dermoid associated with, 341
unruptured, in elderly, 364
Cerebral atrioventricular malformations, periventricular, deep, multimodality treatment of, 192
Cerebral blood flow
following aneurysmal subarachnoid hemorrhage surgery, relationship with prognosis and ischemic conditions, 445
velocity, increase after head injury, transcranial doppler ultrasonography of, 433
Cerebral infarction, after cerebral vasospasm following intraventricular hemorrhage from ruptured arteriovenous malformation, 63
Cerebrospinal fluid rhinorrhea, 321-le
Cervical spine
injury, anterior Caspar plate fixation in, 162-le
tumors, 12
mengioma, subcutaneous, 129
Cervical spondylosis, association with multiple sclerosis, 265
Cervical vertebrae, in traumatic occipital condyle fracture, 152
Charity, Surgical Neurology subscription as gift for, 163-le
Chemotherapy, for yolk sac tumor of cerebellar vermis, 50
Chiari malformation, syringomyelia associated with, 161-le
Children. See Infants and children
Cholesteatoma, frontal and ethmoidal regions, 437
Chorea, after intracranial surgery, 135
Choriocarcinoma, metastatic, intracranial aneurysm formation from, 236
Choroid plexus, primary carcinoma of, 244-le
Clinical procedures review, 173
Coil embolization, of recurrent giant internal carotid artery aneurysm via the posterior communicating artery after cervical carotid ligation, 57
Colloid cyst, suprasellar xanthomatous, 106
Complex partial seizures, originating in childhood, temporal lobectomy for, 424
Computed tomography
of cranial fasciitis of childhood, 68
of glioma, 359
of occipital bone fracture with middle cranial nerve palsy and torticollis, 152
stereotaxis, intracranial cyrosurgery coupled with, 101
Congenital tumors, meningioma, 273
Corpectomy, in vertebral hemangioma, during pregnancy, 210
Cranial fasciitis, of childhood, 68
Cranial nerve
neurinoma, 216
palsies, in occipital condyle fracture, 152
Craniocerebral injuries, penetrating, from power drill, 471
Craniostomy, in replacement of subdural hematoma with oxygen via percutaneous subdural tapping, 253
Craniotomy, awake, use of propofol (Diprivan) in, 271
Crural monoparesis, posterior inferior cerebellar artery aneurysm presenting with, 43
Cryosurgery, intracranial, in a canine model, 101
Cushing, Harvey, 318-ed
Cysts
dermoid, suprasellar, ruptured, associated with middle cerebral artery aneurysm, 341
Rathke's cleft, suprasellar xanthomatous, 106
spinal, 338

De novo aneurysms, serial development of, after carotid ligation, 302
Deferoxamine, use in cellular protection during ischemia, 110
Degeneration, aneurysm-related, 331
Demyelination, in cervical spondylosis and multiple sclerosis, 265
Dermoid cyst, suprasellar, ruptured, associated with middle cerebral artery aneurysm, 341
Diabetes insipidus, central, resulting from tiny mass in neurohypophyseal system, 1
Diprivan. See Propofol
Discectomy, anterior, for herniation of calcified cervical intervertebral disk in children, 407
Disk, herniation, of calcified cervical intervertebral disk, in children, 407
Doppler sonography, transcranial
in carotid–cavernous fistulas, 179
in increased cerebral blood flow velocity in severe head injury, differentiation of hyperemic and nonhyperemic patients by, 433
Dose-range studies, of nicardipine prevention of spasm-induced neurological deficits after subarachnoid hemorrhage, 7
Dott, Norman, biography of, 163-le
Double-compartment hydrocephalus, presenting with opisthotonus, 291
Dura, posterior fossa, cavernous angioma mimicking meningioma of, 257
Dural arteriovenous fistula, giant aneurysm of distal anterior cerebral artery associated with, 347
Dystonia, after intracranial surgery, 135

Editorials
Global Spine and Head Injury Prevention Project (SHIP)
Historical vignettes
The knife that saves. Memoirs of a Lahey Clinic Surgeon, 318-ed
Lumbar disk lesions in retrospect and prospect, 315
In vitro fertilization and frozen bone flaps, 322
Woods Hole, Neurobiology and Neurosurgery, 399
Education, le
Elderly. See Geriatrics

Electrodes
epidural stimulating, securing of, use of tissue adhesive for, 391
mesial temporal subdural, as substitute for depth electrode, in temporal lobe epilepsy, 186
Embolic stroke, selective and superselective infusion of urokinase for, 353
Embolization
of arteriovenous malformations
deep periventricular cerebral, 192
superselective, using the Tracker catheter, 85
balloon, intraaneurysmal, giant aneurysm exhibiting progressive enlargement after, 19
coil, of recurrent giant internal carotid artery aneurysm, 57
in vertebral hemangioma, during pregnancy, 210
Embryology, Dorcas Hager Padget and, 464
Endarterectomy, carotid, for atheromatous disease of carotid bifurcation, laser angioplasty compared to, 73
Endothelial injury, aneurysmal changes and, 331
Endovascular treatment, of recurrent giant internal carotid artery aneurysm via the posterior communicating artery after cervical carotid ligation, 57
Epidermoid tumors, bifrontal, 437
Epidural abscess, 225
Epidural stimulating electrodes, securing of, use of tissue adhesive for, 391
Epilepsy
awake craniotomy in, use of propofol (Diprivan) for, 271
cerebral berry aneurysm in, 277
temporal lobe, mesial temporal subdural electrodes as substitute for depth electrodes in, 186
Ethmoid sinus, epidermoid tumor arising from, 437
Evoked potential, somatosensory, following aneurysmal subarachnoid hemorrhage surgery, relationship with prognosis and ischemic conditions, 445
Extracranial–intracranial arterial bypass, giant aneurysm exhibiting progressive enlargement after, 19
Extradural hematoma, acute, associated with silastic dural substitute, 469

Fasciitis, cranial, of childhood, 68
Fibrinolytic therapy, urokinase, selective and superselective infusion of, for embolic stroke, 353
Fistula
carotid–cavernous, 179
dural arteriovenous, giant aneurysm of distal anterior cerebral artery associated with, 347
Flow cytometry, in melanoma, primary solitary intracranial, 26
Fractures, occipital condyle, 152
Freeze-storage, of bone flaps and artificial pneumothorax, 322-ed

Ganglioglioma, in children, detection and management of, 371
Gasserian ganglion, thermocoagulation of, intracerebral injury following, 280
Geriatrics, unruptured intracranial aneurysms, 364
Germ-cell tumor, intracranial, with synchronous lesions in pineal and suprasellar regions, 114
Germinoma, intracranial, with synchronous lesions in pineal and suprasellar region, 114
Giant aneurysm. See Aneurysm, giant
Gigantism, central neurocytoma presenting with, 141
Glasgow Coma Scale, mortality in severely head-injured patients with gunshot wounds and, 418
Glioblastoma multiforme, long-term survival after diagnosis of, 359
Glioma, long-term survival after diagnosis of, 359
Global Spine and Head Injury Prevention Project (SHIP), ed
Growth hormone, production, in central neurocytoma, 141
Growth hormone releasing factor (GRF), production, in central neurocytoma, 141
Gunshot wounds, head, mortality in, predictors of, 418

Head injury, increased cerebral blood flow velocity following, in hyperemic and nonhyperemic patients, transcranial doppler ultrasonography differentiation of, 433
Hemangioma, vertebral causing spinal cord compression during pregnancy, 210
Hematoma, extradural, acute, associated with Silastic dural substitute, 469
Hemifacial spasm
repositioning of tortuous vertebrobasilar artery for, 232
due to tumor, aneurysm, or arteriovenous malformation, 204
Hemiparesis, ataxic, 216
Hemorrhage
intracranial, subarachnoid, See Subarachnoid hemorrhage
intraventricular, cerebral vasospasm from ruptured arteriovenous malformation after, 63
Herniation, of calcified cervical intervertebral disk in children, 407
Histology, of brain cryolesions, 101
Historical vignettes. See Editorials
History, of neurosurgical procedures for pain relief, 454
Hydrochephalus, double-compartment, presenting with opisthotonus, 291
Hypertension, intracranial, in multiple spinal neurinomas, 309
Hypotension, nicardipine-induced, 7

Immunohistochemistry, in melanoma, primary solitary intracranial, 26
In vitro fertilization, 322-ed
Infants and children
arteriovenous malformations in, radiosurgery for, long-term follow-up of, 95
complex partial seizures originating in, temporal lobectomy for, 424
cranial fasciitis in, 68
ganglioglioma in, detection and management of, 371
herniation of calcified cervical intervertebral disk in, 407
neonates
intracranial teratoma extending into extracranial structures in, skull base reconstruction for, 383
meningioma in, 273
Inflammation, chronic, of neurohypophyseal system, central diabetes insipidus resulting from, 1
Internal carotid artery, aneurysm, giant, recurrent, via posterior communicating artery, after cervical carotid ligation, endovascular coil embolization of, 57
Intervertebral disk, calcified, herniation of, in children, 407
Intracranial aneurysm, rupture, from metastatic choriocarcinoma, 236
Intracranial electrodes, subdural, as substitute for depth electrodes, in temporal lobe epilepsy, 186
Intracranial hypertension, in multiple spinal neurinomas, 309
Intracranial pressure
increasing, in intraventricular craniopharyngioma, 294
mortality in severely head-injured patients with gunshot wounds and, 418
Intracranial tumors
bifrontal epidermoid, 437
melanoma, primary solitary, 26
neurinoma, 216
Intraventricular hemorrhage, from ruptured arteriovenous malformation, cerebral vasospasm after, 63
Intraventricular tumor, neurocytoma, 38
Ischemia, cellular protection during, use of allopurinol and deferoxamine in, 110
Ivalon particles, spinal arteriovenous malformations treated with, 85

Juxta-facet cyst, 338

Laser angioplasty, for atheromatous disease of carotid bifurcation, carotid endarterectomy compared to, 73
Letters to the Editor, 78, 161, 244, 321
Lhermitte's sign, in wandering retained air gun pellet in brain, 441
Ligation. See Carotid ligation
Litigation. See Malpractice
Lobectomy, temporal
for complex partial seizures originating in childhood, 424
for ganglioglioma in children, 371
Local anesthesia, propofol (Diprivan), for awake craniotomy, 271
Lumbar disk, lesions, 315-ed
Lumboperitoneal shunt, for occult spinal pseudomeningocele, 46

Magnetic resonance imaging
in cervical spondylosis associated with multiple sclerosis diagnosis, 265
of cranial fasciitis of childhood, 68
of ganglioglioma in children, 371
of giant aneurysm of distal anterior cerebral artery, 347
in intracerebral injury following thermocoagulation of trigeminal ganglion, 280
of intracranial germ-cell tumors with synchronous lesions in pineal and suprasellar region, 114
in intramedullary spinal cord abscess, 287
in multiple spinal neurinomas, 309
of neurohypophyseal system lesions, 1
of yolk sac tumor of cerebellar vermis, 50
Malpractice, clinical procedures review and, 173
Medical defects, aneurysmal changes and, 331
Medical illustration, Dorcas Hager Padget and, 464
Melanoma, intracranial, primary solitary, 26
Meningioma
benign, with short latent period, following irradiation, 261
cavernous angioma of posterior fossa dura mimicking, 257
melanoma differentiated from, 26
in neonate, 273
recurrent, associated with Silastic dural substitute, 469
of skin, 129
Meningitis, intramedullary spinal cord abscess and, 287
Meningocele. See Pseudomeningocele
Mesial temporal subdural strip, as substitute for depth electrode, in temporal lobe epilepsy, 186
Microcatheter, Tracker, intraarterial administration of urokinase using, for embolic stroke, 353
Microsurgery, staged excision, of deep periventricular cerebral arteriovenous malformations, 192
Middle cerebral artery, aneurysm, ruptured suprasellar dermoid associated with, 341
Monoparesis, crural, posterior inferior cerebellar artery aneurysm presenting with, 43
Movement disorders, hyperkinetic, 135
Mullan, John F. (Sean): A Tribute, 171
Multiple sclerosis, cervical spondylosis associated with, 265
Mycotic aneurysm, aspergillotic, of cerebral artery, following neurosurgical operation, 146
Myelopathy, from vertebral hemangioma during pregnancy, 210

Natural history, in unruptured intracranial aneurysms in elderly, 364
Neonates. See Infants and children
Neovascularization, between omentum and spinal cord, 411
Nerve sheath tumor, neurinoma, 216
Neural neoplasms, meningioma, 129
Neurinomas
of cranial nerves, 216
spinal, multiple, presenting with visual disturbance, 309
Neurocytoma
central, presenting with gigantism, 141
periventricular, 38
Neurofibromatosis, 244-le
Neuronal tumors. See Neurocytoma
Neuroradiology, interventional, using detachable balloon occlusion, giant aneurysm growth following, 283
Neuroschisis, Dorcas Hager Padget and, 464
Neurosurgery
aspergillotic aneurysm formation of cerebral artery following, 146
clinical procedures review, 173
for pain relief, history of, 454
Neurovascular compression, vertebrobasilar artery, 232
Nicardipine, spasm-induced neurological deficits after subarachnoid hemorrhage prevention by, 7

Occipital bone, condyle, fracture, 152
Occult spinal pseudomeningocele, traumatic, lumboperitoneal shunt for, 46
Omentum, transplantation to pia mater of spinal cord, 411
Ophthalmodynamometry, of de novo aneurysm development after carotid ligation, 302
Opisthotonus, double-compartment hydrocephalus presenting with, 291
Oxygen, subdural hematoma replacement with, via percutaneous subdural tapping, 253

Padget, Dorcas Hager, 464
Pain relief, neurosurgical procedures for, history of, 454
Palsy, cranial nerve, 152
Papilledema, in multiple spinal neurinomas, 309
Pathogenesis, aneurysmal changes-related, 331
Peptide, calcitonin gene-related, 79-le
Percutaneous techniques, in trigeminal neuralgia, intracerebral injury following, 280
Pericallosal artery, giant aneurysm, associated with anterior communicating artery aneurysm and dural arteriovenous fistula, 347
Periventricular atrioventricular malformations, deep, multimodality treatment of, 192
Periventricular tumors, neurocytoma, 38
Pineal region, germ-cell tumors, 114
Pituitary stalk, small lesions of, central diabetes insipidus resulting from, 1
Pneumothorax, artificial, frozen, 322-ed
Posterior communicating artery, recurrent giant internal carotid artery aneurysm occurring via, 57
Posterior fossa
dura, cavernous angioma mimicking meningioma of, 257
occlusion, double-compartment hydrocephalus associated with, 291
Posterior inferior cerebellar artery, aneurysm, presenting with subarachnoid hemorrhage and contralateral crural monoparesis, 43
Power drill, craniocerebral penetrating injury from, 471
Pregnancy, vertebral hemangioma causing spinal cord compression during, 210
Propofol (Diprivan), use in awake craniotomy, 271
Pseudomeningocele, spinal, occult, traumatic, lumboperitoneal shunt for, 46
Psychosocial outcome, following temporal lobectomy for complex partial seizures originating in childhood, 424
Pyrimidal tracts, monoparesis, posterior inferior cerebellar artery aneurysm presenting with, 43

Radiation therapy
benign meningioma with short latency period following, 261
for ganglioglioma in children, 371
for yolk sac tumor of cerebellar vermis, 50
Radiofrequency thermocoagulation, of trigeminal ganglion, intracerebral injury following, 280
Radiology. See Neuroradiology
Radiosurgery, for arteriovenous malformations in children, long-term follow-up for, 95
Rathke's cleft cyst, suprasellar xanthomatous, 106

Recanalization, following urokinase infusion for embolic stroke, 353
Reconstruction, skull base, in intracranial teratoma extending into extracranial structures, 383
Refractory complex partial seizure, in ganglioglioma in children, 371
Review and Update in Neurobiology for Neurosurgeons(RUNN) course, 399-ed
Rhinorrhea, cerebrospinal fluid, 321-le
RUNN (Review and Update in Neurobiology for Neurosurgeons) course, 39-ed
Rupture rate, intracranial aneurysm, in elderly, 364

Schwannoma, of cranial nerves, 216
Seizures, partial, complex
originating in childhood, temporal lobectomy for, 424
refractory, in ganglioglioma in children, 371
Shunting
complications, double-compartment hydrocephalus, 291
lumboperitoneal, for occult spinal pseudomeningocele, 46
Silastic dural substitute, acute extradural hematoma associated with, 469
Sinusoid formation, in omentum transposition to spinal cord, 411
Skin tumors, meningioma, of cervical region, 129
Skull base, reconstruction, in intracranial teratoma extending into extracranial structures, 383
Somatosensory evoked potential, following aneurysmal subarachnoid hemorrhage surgery, relationship with prognosis and ischemic conditions, 445
Sonography. See Doppler sonography; Ultrasound
Spasm, hemifacial
repositioning of tortuous vertebrobasilar artery for, 232
due to tumor, aneurysm, or arteriovenous malformation, 204
Spinal abscess, epidural, 225
Spinal arteriovenous malformation, superselective embolization of, using the Tracker catheter, 85
Spinal cord
abscess, intramedullary, 287
compression
in children, 407
in epidural abscess, 225
from vertebral hemangioma, during pregnancy, 210
compromise, spondylosis with, 265
dura mater, omentum transplantation to, 411
Spinal cysts
ganglion, 338
synovial, 338
Spinal fusion, for herniation of calcified cervical intervertebral disk in children, 407
Spinal pseudomeningocele, traumatic, occult, lumboperitoneal shunt for, 46
Spinal tumors
meningioma, primary, 129
neurinomas, multiple, presenting with visual disturbance, 309
Splenic rupture, from choriocarcinoma metastasis, cerebral aneurysm rupture and, 236
Spondylosis, cervical, associated with multiple sclerosis, 265
Squamous papillary craniopharyngioma, intraventricular, 294
Staged excision, of arteriovenous malformations, deep periventricular cerebral, 192
Stereotaxis, computed tomography, intracranial cyrosurgery coupled with, 101
Stimulation procedures for pain relief, history of, 454
Stroke, embolic, selective and superselective infusion of urokinase for, 353
Subarachnoid hemorrhage
aneurysmal, postoperative central condution time and cerebral blood flow in, relationship with prognosis and ischemic outcome, 445
in aspergillotic aneurysm of cerebral artery following neurosurgical operation, 146
in cerebral berry aneurysm, 277
in de novo aneurysm, 302
posterior inferior cerebellar artery aneurysm presenting with, 43
from ruptured arteriovenous malformation, cerebral vasospasm after, 63
spasm-induced neurological deficits after, nicardipine prevention of, 7
Subdural hematoma, chronic, replacement of, with oxygen, via percutaneous subdural tapping, 253
Subdural tapping, percutaneous, replacement of subdural hematoma with oxygen via, 253
Subrachnoid space, wandering retained air gun pellet in, 441
Suicide attempts, with power drill, craniocerebral penetrating injury from, 471
Superior cerebellar artery, aspergillotic aneurysm formation of, following neurosurgical operation, 146
Suprasellar region
dermoid cyst, ruptured, associated with middle cerebral artery aneurysm, 341
germ-cell tumors, 114
xanthomatous Rathke's cell cyst of, 106
Surgery. See also Microsurgery; Neurosurgery
for cervical spine tumors, 12
complications, hyperkinetic movement disorders, 135
for epilepsy, 424
for giant aneurysm exhibiting progressive enlargement after intraaneurysmal balloon embolization, 19
for melanoma, intracranial, primary solitary, 26
outcome, in unruptured intracranial aneurysms in elderly, 364
Surgical Neurology subscription as gift for charity, 163-le
Syringomyelia, associated with Chiari malformation, 161-le

Temporal lobe epilepsy, mesial temporal subdural electrodes as substitute for depth electrodes in, 186
Temporal lobectomy
for complex partial seizures originating in childhood, 424
for ganglioglioma in children, 371
Teratoma, intracranial, extending into extracranial structures, skull base reconstruction in, 383
Thalamotomy, hyperkinetic movement disorders and, 135
Thermocoagulation, radiofrequency, of trigeminal ganglion, intracerebral injury following, 280
Third ventricle, craniopharyngioma of, 294
Thoracic nerve root, compression of, by facet joint synovial cyst, 338
Thoracic spine, synovial cyst, 338
Thrombosis, aneurysmal, after balloon embolization, 19
Tic convulsif, repositioning of tortuous vertebrobasilar artery for, 232
Tissue adhesive, use in securing spinal epidural stimulating electrodes, 391
Torticollis, in traumatic occipital condyle fracture, 152
Tracker catheter, spinal arteriovenous malformations treated with, 85
Tracker microcatheter, intraarterial administration of urokinase using, for embolic stroke, 353
Transclival clipping, of giant lower basilar artery aneurysm, 379
Transcranial doppler sonography
in carotid–cavernous fistulas, 179
in increased cerebral blood flow velocity in severe head injury, differentiation of hyperemic and nonhyperemic patients by, 433
Transoral clipping, of giant lower basilar artery aneurysm, 379
Transposition, omentum to spinal cord, 411
Trauma
craniocerebral, penetrating, from power drill, 471
myelin destruction in cervical spondylosis and, 265

Tremor, after intracranial surgery, 135
Trigeminal neuralgia
  repositioning of tortuous vertebrobasilar artery for, 232
  thermocoagulation of gasserian ganglion in, intracerebral injury following, 280
Trochelar nerve, neurinoma, 216
Tuber cinereum, intraventricular craniopharyngioma connecting to, 294
Tumor(s). See also specific body area; specific type of tumor
  cervical spine, 12
  hemifacial spasm due to, 204
Twins, identical, cerebral berry aneurysms in, 277
Twist-drill craniostomy, in replacement of subdural hematoma with oxygen via percutaneous subdural tapping, 253

Ultrasound. See also Doppler sonography of intracranial cyrosurgical lesions, 101
Urokinase, selective and superselective infusion of, for embolic stroke, 353

Vasa vasorum, 78-le
Vascular anomalies
  arteriovenous malformations. See Arteriovenous malformations
  hemifacial spasm due to, 204
Vasospasm, cerebral, after intraventricular hemorrhage from ruptured arteriovenous malformation, 63
Ventricular system, wandering air gun pellet from, 441
Vertebral hemangioma, causing spinal cord compression during pregnancy, 210
Vertebrobasilar artery, tortuous, repositioning of, for trigeminal neuralgia, 232
Visual disturbances, in multiple spinal neurinomas, 309

Woods Hole, Neurobiology and Neurosurgery, 399-ed

Xanthomatous cyst, Rathke's cleft, 106

Yolk sak tumor, primary, of cerebellar vermis, 50